Commonwealth of Kentucky

Natural Resources and Environmental Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382

Title V
AIR QUALITY PERMIT
Issued under 401 KAR 52:020

Permittee Name:	**Central Motor Wheel of America, dba CMC/CLA**
Mailing Address:	**150 Wheat Drive, Paris, KY 40361**
Source Name:	**Same as above**
Mailing Address:	**Same as above**
Source Location:	**Same as above**
Permit Number:	**VF-02-005**
Log Number:	**54797**
Review Type:	**Construct/Operate, MACT**
Source ID #:	**21-017-00027**
Regional Office	**Frankfort**
County:	**Bourbon**
Application Complete Date:	**September 1, 2002**
Issuance Date:	**March 25, 2003**
Expiration Date:	**March 25, 2008**

John S. Lyons, Director
Division for Air Quality

Revised 10/18/02

TABLE OF CONTENTS

SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first having submitted a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:020, Title V Permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

03 (-) 17" Aluminum Wheel Coating Line: Color Coat Booths LCE, LCF, LCG, Liquid Edge Clear Paint Booths, LCK, LCL, Liquid Clearcoat Booths, LCH, LCI, LCJ.

Description: Robotic Solvent-based Coating Line.
Construction Commenced: April 2003.
Control Equipment: Thermal Oxidizer manufactured by Reeco.
Model R60-V3-95 for control of VOC and HAP.
OSM Fabric Filter for particulate control.

APPLICABLE REGULATIONS:
40 CFR 63, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products.
401 KAR 59:225, New miscellaneous metal parts and products surface coating operations
401 KAR 59:010, New process operations.

1. Operating Limitations:

§ 63.3893

A. WORK PRACTICE PLAN:

The permittee shall develop and implement a work practice plan to minimize organic HAP emissions from the storage, mixing, and conveying of coatings, thinners, and cleaning materials used in, and waste materials generated by, the coating line. The plan must specify practices and procedures to ensure that, at a minimum, the following elements are implemented:

1. All organic-HAP-containing coatings, thinners, cleaning materials, and waste materials must be stored in closed containers.
2. Spills of organic-HAP-containing coatings, thinners, cleaning materials, and waste materials must be minimized.
3. Organic-HAP-containing coatings, thinners, cleaning materials, and waste materials must be conveyed from one location to another in closed containers or pipes.
4. Mixing vessels which contain organic-HAP-containing coatings and other materials must be closed except when adding to, removing, or mixing the contents.
5. Emissions of organic HAP must be minimized during cleaning of storage, mixing, and conveying equipment.

§ 63.3900(a)(2)

B. The coating operation must be in compliance with the work practice standards incorporated in the work practice plan at all times.

§ 63.3900(a)(2)

C. The coating operation must be in compliance with the conditions in **7. Specific Control Equipment Operating Conditions** for emission capture systems and add-on control devices at all times except during periods of startup, shutdown, and malfunction.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

§ 63.3900(a)(2)
D. The coating operation must be in compliance with the emission limit in **2. Emission Limitations,** A. at all times, except during periods of startup, shutdown, and malfunction.

§63.6(e)(3)
E. The permittee shall develop and implement a written startup, shutdown, and malfunction plan. The plan shall describe in detail procedures for operating and maintaining the source during periods of startup, shutdown, and malfunction and a program of corrective action for malfunctioning process and air pollution control equipment used to comply with emission limits stated in this permit.

401 KAR 59:010
F. Particulate filters shall be in place and functional at all times of operation.

2. Emission Limitations:

§ 63.3890
A. HAP emissions shall not exceed 0.23 kg organic HAP/liter (1.94 lbs/gal) coating solids.

401 KAR 59:225
B. VOC emissions shall not exceed 15% by weight of the net VOCs input into coating line.

401 KAR 59:010, Section 3(1)(b)
C. Visible emissions from each paint line shall not equal or exceed 20% opacity.

401 KAR 59:010, Section 3(2)
D. Particulate emissions from each line shall not equal or exceed 2.34 lbs. per hour for each machine.

Compliance Demonstration Methods:

1. Particulate emissions shall be considered to meet limitations above when filters are in place and in good condition.
2. (a) Use compliant materials. Demonstrate that the organic HAP content of each coating used is less than or equal to the limit in **A.** and that each thinner and each cleaning material used contains no organic HAP.
   (b) Emission rate without add-on controls; demonstrate that based on the coatings, thinners, and cleaning materials used, the organic HAP emission rate for the paint line is less than or equal to the limit in **A.** calculated as a rolling 12 month basis and determined on a monthly basis.
   (c) Emission rate with add-on controls; demonstrate that based on the coatings, thinners, and cleaning materials used, and the emissions reductions achieved by emission capture systems and add-on controls, the organic HAP emission rate for the paint line is less than or equal to the limit in **A.** calculated as a rolling 12 month basis and determined on a monthly basis.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

If this option is chosen, compliance with the operating limits required in **Specific Control Equipment Operating Conditions** below must be demonstrated. All requirements of §63.3960 through §63.3968 must also be met to demonstrate compliance with the emission limits, operating limits, and work practice standards when using this option.

3. Using demonstrated destruction efficiency (D) of the oxidizer to which captured emissions have been routed:

$$\text{Actual VOC Emissions} = \sum_{i=1}^{n} M_i \rho_i (1-C_i) + (1-D) \sum_{i=1}^{n} M_i \rho_i C_i$$

Where M = pounds of material (primer, thinner, paint) applied at point i.
ρ = percent by weight of VOC in material.
n = total number of emission points.
C = demonstrated capture efficiency.

4. % VOC emitted = Actual VOC's (from above)/ Total VOC's Input (from MSDS or testing).
5. Refer to **Specific Recordkeeping**, D. for HAP compliance demonstration.

3. Testing Requirements:

1. §63.3952
   A performance test of each capture system and each control device shall be conducted within 60 days of achieving maximum production and no later than 180 days after startup.
2. §63.3964
   The performance test shall be conducted under representative operating conditions for the coating operation. Information necessary to document emission capture system and control device operating conditions during the test shall be recorded. An explanation of why the conditions represent normal operation shall be required.

4. Specific Monitoring Requirements:

§63.3968
Emission Capture System
General Requirements:

1. The permittee shall inspect the automatic shutdown system at least once per month to verify that it will detect any diversion of flow from the control device and shut down the coating operation.
2. At least monthly, components shall be inspected for integrity, electrical connections for continuity, and mechanical connections for leakage.
3. Each pressure tap shall be checked for pluggage daily.
4. Gauge calibration shall be checked quarterly, and if applicable, transducer calibration shall be checked monthly, using an inclined manometer with a measurement sensitivity of 0.0002 inches of water.
5. Calibration checks shall also be conducted any time the sensor exceeds the manufacturer's specified maximum operating pressure range, or a new sensor may be installed.
6. The direction of airflow at the entrance to the enclosure shall be monitored.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

7. The permittee shall either monitor the average facial velocity of air through all natural draft openings to the enclosure, or the pressure drop across the enclosure.

Thermal oxidizer

8. Combustion temperature data shall be reduced to 3-hour block averages.
9. The permittee shall perform an electronic calibration of the gas temperature monitoring device in the firebox of the thermal oxidizer at least semiannually following the procedures in the owners manual. Following the electronic calibration a second temperature sensor validation shall be performed by placing a second temperature sensor near the process temperature sensor. The readings must be within 30 degrees F. to be valid.
10. Calibration and validation checks shall be conducted any time the sensor exceeds the manufacturer's specified maximum operating temperature range, or a new sensor may be installed.
11. Inspection of the components of the gas temperature sensor for integrity and electrical connections for continuity, oxidation, and galvanic corrosion shall be performed at least monthly.

Particulate and Opacity

12. The permittee shall inspect particulate filters once per 8 hour shift.
13. The permittee shall perform a qualitative visual opacity observation once per day. Visible emissions of smoke from the oxidizer shall necessitate observation using Method 9 from 40 CFR 60, Appendix A to determine if opacity readings are greater than 20%.

5. Specific Recordkeeping Requirements:

§63.3930

A. A copy of each notification and report submitted to the division as well as the supporting documentation shall be kept.
B. Current copies of information provided by manufacturers and suppliers such as formulation data, or test data used to determine the mass fraction of organic HAP/VOC and density for each coating, thinner, and cleaning material and the volume fraction of coating solids for each coating shall be kept. If testing was conducted by the permittee to determine mass fraction of organic HAP/VOC, density, or volume fraction of coating solids, a copy of the complete test report shall be kept. If testing was done by the manufacturer, a summary sheet of the results is sufficient.
C. If using more than one compliance option, a record of which option was used and the beginning and ending dates of use for the compliance period shall be kept.
D. When using a control device to meet emission limits the following records shall be kept:
    1. The calculation of the total mass organic HAP emissions for the coatings, thinners, and cleaning materials used each month using equations 1 and 1A through 1C of §63.3951 for the total mass of organic HAP emissions for the coatings, thinners, and cleaning materials; equation 2 for the total volume of coating solids used; 1 and 1A through 1D of §63.3961 for the mass of organic HAP emission reduction each month by emission capture systems and add-on control devices; and 2, 3, and 3A through 3C of §63.3961 as applicable; the total mass of organic HAP/VOC emissions each month using equation 4 of §63.3961; and the 12-month organic HAP emission rate using equation 5 of §63.3961.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

2. The name and volume of each coating, thinner, and cleaning material used during each compliance period.

3. A record of the mass fraction of organic HAP for each coating, thinner, and cleaning material used during each compliance period.

4. A record of the volume fraction of coating solids for each coating used during each compliance period.

5. A record of the density of each coating, thinner, and cleaning material used during each compliance period.

6. If an allowance is taken for recovered HAP/VOC contained in solvent shipped to a treatment, storage and disposal facility (TSDF), the following records must be kept:
   a) The name and address of each TSDF to which waste materials were sent;
   b) A statement of which subparts under 40 CFR parts 262-266 apply to the facility;
   c) The date of each shipment;
   d) Identification of the coating operations producing waste materials included in each shipment;
   e) The month or months in which the allowance for the recovered materials was used;
   f) The methodology used in accordance with §63.3951(e)(4) to determine the total amount of waste materials sent to or the amount collected, stored, and designated for transport to a TSDF each month; and the methodology to determine the mass of organic HAP contained in these waste materials. This shall include the sources for all data used in the determination, methods used to generate the data, frequency of testing or monitoring, and supporting calculations and documentation, including the waste manifest for each shipment.

7. The date, time, and duration of each deviation.

8. When using the emission rate with add-on controls, the following records shall be kept:
   a) For each deviation, a record of whether the deviation occurred during a period of startup, shutdown, or malfunction.
   b) Whether or not the actions taken in the event of a malfunction were consistent with the procedures specified in the startup, shutdown, and malfunction plan mentioned in Section 1, Operating limitations, for this emission point. The records shall demonstrate that the plan was followed, and may take the form of a checklist or any other effective form of recordkeeping that confirms conformance with the plan for that event. In the event that an action taken during a startup, shutdown, or malfunction is not consistent with the plan, the permittee shall record the actions taken for that event.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

c) The permittee shall keep the written startup, shutdown, and malfunction plan for the life of the affected source. If the plan is revised, previous versions shall be kept for 5 years after the revision.

d) The records required to show continuous compliance with each limit specified in **2. Emission Limitations**.

e) Records showing compliance with the requirements of 40 CFR 63 Subpart MMM, Table 1 shall be kept. This includes:
Temperature readings from the combustion chamber of the thermal oxidizer taken at a minimum of 15 minute intervals and reduced to 3 hour block averages Readings showing the direction of airflow at each entrance to the permanent total enclosure (PTE) capture system; and
Either the average facial velocity of air through all natural draft openings to the PTE, or the pressure drop across the enclosure.

f) For each capture system, the data and documentation used to support a determination of the capture system efficiency using the criteria in method 204 of appendix M to 40 CFR 51.

g) Results of the performance test conducted.

h) Coating operation conditions during the performance test showing that the test was conducted under representative operating conditions.

i) Data and calculations used to establish the emission capture and control device operating limits as specified in §63.3967 and to document compliance with the operating limits in
2. Emission Limitations.

j) A record of the work practice plan detailed in
1. Operating Limitations, and documentation that the plan is being implemented on a continuous basis.

k) The permittee shall maintain records of particulate filter inspections noting time, date, filter condition, replacement, and inspecting personnel.

l) The permittee shall maintain a record of daily qualitative visual opacity vations.

6. Specific Reporting Requirements:

A. Notification of Compliance Status

No later than **30 calendar days** following the end of the initial compliance period of 180 days, the permittee shall submit a notification of compliance status to the Division for Air Quality Frankfort Field Office, with a copy to the Central Office at the addresses in Section F.9.g. of this permit. This notice of compliance shall contain the following:

1. Company name and address.

2. Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

3. Date of the report and beginning and ending dates of the reporting period. The reporting period is the initial compliance period of 180 days.

4. Identification of the compliance option or options specified above in **Emission Limitations** which apply to the source.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

5. Statement of whether or not the affected source achieved the emission limitations for the initial compliance period.
6. Information about any deviations from permit conditions which may have occurred. This would include a description of and statement of the cause of the deviation. If the deviation is a failure to meet the emission limit all calculations used to determine the kg (lbs) organic HAP emitted per liter (gal) of coating solids used shall be included in the notice.
7. Calculations of the following shall be included along with examples of how the values were determined, to include supporting data:
    i. The mass fraction of organic HAP for one coating, one thinner, and one cleaning material.
    ii. The volume fraction of coating solids for one coating.
    iii. The density for one coating, one thinner, and one cleaning material.
    iv. The amount of waste materials and the mass of organic HAP contained in the waste materials for which you claim an allowance against the amount emitted.
    v. Summary showing kg (lb) organic HAP emitted from all coatings, thinners, and cleaning materials per liter (gal) coating solids used. This shall be shown for each month and summarized on a rolling 12 month basis.
    vi. Through v. shall be calculated using equations 1and 1A through 1C of §63.3951 for the total mass of organic HAP emissions for the coatings, thinners, and cleaning materials; equation 2 for the total volume of coating solids used; 1 and 1A through 1D of §63.3961 for the mass of organic HAP emission reduction each month by emission capture systems and add-on control devices; and 2, 3, and 3A through 3C of §63.3961 as applicable; the total mass of organic HAP emissions each month using equation 4 of §63.3961; and the 12-month organic HAP emission rate using equation 5 of §63.3961.
8. For each emission capture system include a summary of the data and copies of the calculations supporting the determination that the emission capture is a permanent total enclosure (PTE) or a measurement of the emission capture system efficiency. Also include a description of the protocol followed for measuring capture efficiency, summaries of any capture efficiency tests conducted, and any calculations supporting the capture efficiency determination.
9. A summary of the results of the control device performance test.
10. A list of each emission capture system's and control device's operating limits and a summary of the data used to calculate those limits.
11. A statement of whether or not you developed and implemented the work practice plan required in

    Operating Limitations, above.

B. Semiannual Compliance Report

1. The semiannual compliance reporting periods are January 1 – June 30 and July 1 – December 31. The permittee shall submit a semiannual compliance report to be postmarked or delivered no later than 30 days after the end of the applicable six month period. The first report shall cover the first semiannual reporting period which begins the day after the end of the initial compliance period described in A. above and ends on either June 30 or December 31 which ever occurs first.

REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

2. The compliance report must contain the following items:
   a) Company name and address;
   b) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report;
   c) Date of report and beginning and ending dates of the reporting period;
   d) Identification of the compliance option or options used on each coating operation during the reporting period. If more than one option was used during the period, the beginning and ending date for each option shall be stated;
   e) Calculation results for each rolling 12 month organic HAP/VOC emission rate during the 6-month reporting period when using add-on controls;
   f) If there were no deviations from the emission limitations in this permit then the report shall include a statement to that there were no deviations from the emission limitations during the reporting period. If add-on controls were used and there were no periods during which the continuous parameter monitoring systems (CPMS) were out of control as specified in §63.8(c)(7), the semiannual compliance report shall include a statement that there were no periods during which the CPMS were out-of-control during the reporting period. If there was a deviation from an emission limitation (including any period in which emissions bypassed the control device) the semiannual compliance report must contain the following information:
      i. The beginning and ending dates of each compliance period during the 12-month period during which organic HAP emission rate exceeded the emission limit given in **Emission Limitations**.
      ii. The calculations used to determine the 12-month organic HAP emission rate for each compliance period in which a deviation occurred.
      iii. The date and time that each malfunction started and stopped.
      iv. A brief description of the CPMS.
      v. The date of the latest CPMS certification or audit.
      vi. The date and time that each CPMS was inoperative, except for zero (low-level) and high-level checks.
      vii. The date, time, and duration that each CPMS was out-of-control.
      viii. The date and time period of each deviation from the limits in **Specific Control Equipment Operating Conditions**.
      ix. A summary of the total duration of each deviation from the requirements in **Specific Control Equipment Operating Conditions** and of each bypass of the control device during the semiannual reporting period, and the total duration as a percent of the total source operating time during that semiannual reporting period.
      x. A breakdown of the total duration of the deviations from the requirements in **Specific Control Equipment Operating Conditions** and bypasses of the control device during the semiannual reporting period into those that were due to startup, shutdown, control equipment problems, process problems, other known causes, and other unknown causes.
      xi. A summary of the total duration of CPMS downtime during the semiannual reporting period and the total duration of CPMS downtime as a percent of total source operating time during that semiannual reporting period.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

xii. A description of any changes in the CPMS, coating operation, emission capture, or the control device since the last semiannual reporting period.

xiii. For each deviation from the work practice standards, a description of the deviation, the date and time period of the deviation, and the actions you took to correct the deviation.

xiv. A statement of the cause of each deviation.

3. Startup, Shutdown, and Malfunction Reports

In the event of a startup, shutdown, or malfunction of the control system during the semiannual reporting period, the permittee shall submit one of the following reports:

i. If actions were consistent with the startup, shutdown, and malfunction plan, the permittee shall state this in a report. This startup, shutdown, and malfunction report shall consist of a letter, containing the name, title, and signature of a responsible official certifying the accuracy of the report to be submitted with the semiannual compliance report.

ii. If actions were not consistent with the startup, shutdown, and malfunction plan, the permittee shall submit an immediate startup, shutdown, and malfunction report. The report shall describe the actions taken during the event in a report to be delivered by facsimile, telephone, or other means to the Frankfort Regional Office within 2 working days after starting actions that are inconsistent with the plan. The permittee shall also submit a letter to the field office within 7 working days after the end of the event unless alternative arrangements have been made with the division. This letter shall contain the name, title, and signature of a responsible official certifying as to it's accuracy and explaining the circumstances of the event, the reason for not following the startup, shutdown, and malfunction plan, whether any excess emissions and/or parameter monitoring exceedances have occurred.

C. See Section F.5.

7. Specific Control Equipment Operating Conditions:

A. Thermal Oxidizer

40 CFR 63 Subpart MMM, Table 1

The average combustion temperature of the thermal oxidizer in any 3-hour period must not fall below the combustion temperature limit established according to § 63.3967(a) §63.3968(c).

1. A gas temperature sensor shall be installed in the firebox of the thermal oxidizer or in the duct immediately downstream of the firebox before any substantial heat exchange occurs.
2. The temperature sensor shall have a measurement sensitivity of 4 degrees Fahrenheit or 0.75 percent of the temperature value, whichever is larger.
3. The sensor shall be shielded from electromagnetic interference and chemical contaminants.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

4. If using a gas temperature chart recorder, the measurement sensitivity in the minor range shall be at least 20 degrees Fahrenheit.

B. Capture System

40 CFR 63 Subpart MMM, Table 1

1. The direction of airflow shall be into the enclosure at all times.
2. The average facial velocity of air through all natural draft openings in the enclosure shall be at least 200 feet per minute; or
3. The pressure drop across the enclosure must be at least 0.007 inch H2O as established in Method 204 of appendix M to 40 CFR part 51.

8. Alternate Operating Scenarios: N.A.

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:020, Section 6. While these activities are designated as insignificant the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary.

Description	Generally Applicable Regulation
1. 3-Phase Heat Treating Operation	401 KAR 59:010
2. Discharge Cutting Machines (3)	401 KAR 59:010
3. Shot Blast Booths (2)	401 KAR 59:010
4. Okuma LAW-25 Machines (8)	401 KAR 59:010
5. Shiron Drills (4)	401 KAR 59:010
6. Fanuc Robots (4)	401 KAR 59:010
7. Parts Washer	401 KAR 59:010
8. Powder Coat Operations	401 KAR 59:010
9. Holding Furnaces (6)	401 KAR 59:010
10. Vacuum Assisted Pressure Castings (6)	401 KAR 59:010
11. Pretreatment Dry-Off Oven	401 KAR 59:010

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. As required by Section 1b of the Cabinet Provisions and Procedures for Issuing Title V Permits incorporated by reference in 401 KAR 52:020, Section 26; compliance with annual emissions and processing limitations contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.

2. HAP, VOC, and particulate emissions, as measured by methods referenced in 401 KAR 50:015, Section 1, shall not exceed the respective limitations specified herein.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

1. Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS

1. When continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
   Date, place as defined in this permit, and time of sampling or measurements.
   Analyses performance dates;
   Company or entity that performed analyses;
   Analytical techniques or methods used;
   Analyses results; and
   Operating conditions during time of sampling or measurement.
   [Section 1b (IV)1 of the Cabinet Provisions and Procedures for Issuing Title V Permits incorporated by reference in 401 KAR 52:020, Section 26].

2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [Sections 1b(IV) 2 and 1a(8) of the Cabinet Provisions and Procedures for Issuing Title V Permits incorporated by reference in 401 KAR 52:020, Section 26].

3. In accordance with the requirements of 401 KAR 52:020 Section 3(1)h the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
   Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
   To access and copy any records required by the permit:
   Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit. Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.
   Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements. Reasonable times are defined as during all hours of operation, during normal office hours; or

4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.

5. Summary reports of any monitoring required by this permit shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation [Section 1b (V)1 of the Cabinet Provisions and Procedures for Issuing Title V Permits incorporated by reference in 401 KAR 52:020, Section 26].

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

6. The semi-annual reports are due by January 30th and July 30th of each year. All reports shall be certified by a responsible official pursuant to 401 KAR 52:020 Section 23. All deviations from permit requirements shall be clearly identified in the reports.

7. In accordance with the provisions of 401 KAR 50:055, Section 1 the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
   When emissions during any planned shutdowns and ensuing startups will exceed the standards notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
   When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards notification shall be made as promptly as possible by telephone (or other electronic media) and shall cause written notice upon request.

8. The owner or operator shall report emission related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Section F.7. above) to the Regional Office listed on the front of this permit within 7 days. Other deviations from permit requirements shall be included in the semiannual report required by Section F.6 [Section 1b (V) 3, 4. of the Cabinet Provisions and Procedures for Issuing Title V Permits incorporated by reference in 401 KAR 52:020, Section 26].

9. Pursuant to 401 KAR 52:020, Permits, Section 21, the permittee shall certify compliance with the terms and conditions contained in this permit, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit and the U.S. EPA in accordance with the following requirements:
   Identification of the term or condition;
   Compliance status of each term or condition of the permit;
   Whether compliance was continuous or intermittent;
   The method used for determining the compliance status for the source, currently and over the reporting period, and
   For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

10. The certification shall be postmarked by January 30th of each year. Annual compliance certifications should be mailed to the following addresses:

Division for Air Quality
Frankfort Regional Office
643 Teton Trail, Suite B
Frankfort, KY 40601

U.S. EPA Region IV
Air Enforcement Branch
Atlanta Federal Center
61 Forsyth St.
Atlanta, GA 30303-8960

Division for Air Quality
Central Files
803 Schenkel Lane
Frankfort, KY 40601

11. In accordance with 401 KAR 52:020, Section 22, the permittee shall provide the Division with all information necessary to determine its subject emissions within thirty (30) days of the date the KYEIS emission survey is mailed to the permittee.

12. Pursuant to Section VII (3) of the policy manual of the Division for Air Quality as referenced in 401 KAR 50:016, Section 1(1), results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days after the completion of the fieldwork.

SECTION G - GENERAL PROVISIONS

(a) General Compliance Requirements

1. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of 401 KAR 52:020 and of the Clean Air Act and is grounds for enforcement action including termination, revocation and reissuance, revision or denial of a permit [Section 1a, 3 of the Cabinet Provisions and Procedures for Issuing Title V Permits incorporated by reference in 401 KAR 52:020 Section 26].

2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a, 6 of the Cabinet Provisions and Procedures for Issuing Title V Permits incorporated by reference in 401 KAR 52:020, Section 26].

3. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:020, Section 19. The permit will be reopened for cause and revised accordingly under the following circumstances:
   a. If additional requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:020, Section 12;
   b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
   c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit;

   Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.

4. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or compliance with the conditions of this permit [Section 1a, 7,8 of the Cabinet Provisions and Procedures for Issuing Title V Permits incorporated by reference in 401 KAR 52:020, Section 26].

5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such facts or corrected information to the permitting authority [401 KAR 52:020, Section 7(1)].

SECTION G - GENERAL PROVISIONS (CONTINUED)

6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a, 14 of the Cabinet Provisions and Procedures for Issuing Title V Permits incorporated by reference in 401 KAR 52:020, Section 26].

7. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a, 4 of the Cabinet Provisions and Procedures for Issuing Title V Permits incorporated by reference in 401 KAR 52:020, Section 26].

8. Except for requirements identified in this permit as state-origin requirements, all terms and conditions shall be enforceable by the United States Environmental Protection Agency and citizens of the United States [Section 1a, 15 of the Cabinet Provisions and Procedures for Issuing Title V Permits incorporated by reference in 401 KAR 52:020, Section 26].

9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6) [Section 1a, 10 of the Cabinet Provisions and Procedures for Issuing Title V Permits incorporated by reference in 401 KAR 52:020, Section 26].

10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:020, Section 11(3)(b)].

11. This permit does not convey property rights or exclusive privileges [Section 1a, 9 of the Cabinet Provisions and Procedures for Issuing Title V Permits incorporated by reference in 401 KAR 52:020, Section 26].

12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.

13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry [401 KAR 52:020, Section 11(3)(d)].

14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders [401 KAR 52:020, Section 11(3)(a)].

15. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic minor source preconstruction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.

SECTION G - GENERAL PROVISIONS (CONTINUED)

16. Pursuant to 401 KAR 52:020, Section 11, a permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement requirement prior to or at the time of issuance. Compliance with the conditions of a permit shall be considered compliance with:
    (a) Applicable requirements that are included and specifically identified in the permit and
    (b) Non-applicable requirements expressly identified in this permit.

(b) Permit Expiration and Reapplication Requirements

1. This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:020, Section 12].

2. The authority to operate granted shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:02+0 Section 8(2)].

(c) Permit Revisions

1. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of 401 KAR 52:020, Section 14(2).

2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

(d) Construction, Start-Up, and Initial Compliance Demonstration Requirements

1. Construction of process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit.

SECTION G - GENERAL PROVISIONS (CONTINUED)

2. Within thirty (30) days following commencement of construction and within fifteen (15) days following start-up and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of this permit, whichever is later, the permittee shall furnish to the Regional Office listed on the front of this permit in writing, with a copy to the Division's Frankfort Central Office, notification of the following:
   a. The date when construction commenced.
   b. The date of start-up of the affected facilities listed in this permit.
   c. The date when the maximum production rate specified in the permit application was achieved.

3. Pursuant to 401 KAR 52:020, Section 3(2), unless construction is commenced within eighteen (18) months after the permit is issued, or begins but is discontinued for a period of eighteen (18) months or is not completed within a reasonable timeframe then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon written request, the Cabinet may extend these time periods if the source shows good cause.

4. For those affected facilities for which construction is authorized by this permit, a source shall be allowed to construct with the proposed permit. Operational or final permit approval is not granted by this permit until compliance with the applicable standards specified herein has been demonstrated pursuant to 401 KAR 50:055. If compliance is not demonstrated within the prescribed timeframe provided in 401 KAR 50:055, the source shall operate thereafter only for the purpose of demonstrating compliance, unless otherwise authorized by Section I of this permit or order of the Cabinet.

5. This permit shall allow time for the initial start-up, operation, and compliance demonstration of the affected facilities listed herein. However, within sixty (60) days after achieving the maximum production rate at which the affected facilities will be operated but not later than 180 days after initial start-up of such facilities, the permittee shall conduct a performance test on the affected facilities in accordance with 401 KAR 50:055, General compliance requirements. These performance tests must also be conducted in accordance with General Provisions G(d)7 of this permit and the permittee must furnish to the Division for Air Quality's Frankfort Central Office a written report of the results of such performance test.

6. Terms and conditions in this permit established pursuant to the construction authority of 401 KAR 51:017 or 401 KAR 51:052 shall not expire.

7. Pursuant to Section VII 2.(1) of the policy manual of the Division for Air Quality as referenced by 401 KAR 50:016, Section 1.(1), at least one month prior to the date of the required performance test, the permittee shall complete and return a Compliance Test Protocol (Form DEP 6027) to the Division's Frankfort Central Office. Pursuant to 401 KAR 50:045, Section 5, the Division shall be notified of the actual test date at least ten (10) days prior to the test.

SECTION G - GENERAL PROVISIONS (CONTINUED)

8. Pursuant to Section VII 1. (2 and 3) of the policy manual of the Division for Air Quality as

referenced by 401 KAR 50:016, Section 1.(1), if a demonstration of compliance, through performance testing was made at a production rate less than the maximum specified in the application form, then the permittee is only authorized to operate at a rate that is not greater than 110% of the rate demonstrated during performance testing. If and when the facility is capable of operation at the rate specified in the application, compliance must be demonstrated at the new production rate if required by the Division.

(e) Acid Rain Program Requirements

If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

(f) Emergency Provisions

1. Pursuant to 401 KAR 52:020 Section 24(1), an emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:
   a. An emergency occurred and the permittee can identify the cause of the emergency;
   b. The permitted facility was at the time being properly operated;
   c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
   d. Pursuant to 401 KAR 52:020, 401 KAR 50:055, and KRS 224.01-400, the permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division when emission limitations are exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
   e. This requirement does not relieve the source from other local, state or federal notification requirements.

2. Emergency conditions listed in General Condition (f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:020, Section 24(3)].

3. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof [401 KAR 52:020, Section 24(2)].

(g) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:

SECTION G - GENERAL PROVISIONS (CONTINUED)

RMP Reporting Center
P.O. Box 3346

Merrifield, VA, 22116-3346

2. If requested, submit additional relevant information to the Division or the U.S. EPA.

(h) Ozone depleting substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
   a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
   b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
   c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
   d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166
   e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
   f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

SECTION H - ALTERNATE OPERATING SCENARIOS

N.A.

SECTION I - COMPLIANCE SCHEDULE

N.A.